

1. (Currently amended) An inflatable device, comprising:

(A) a compartment;

(B) an inflatable bladder fluidly coupled to the compartment; and

(B) ~~(C) a fluid controller comprising a valve coupled to the bladder, the valve comprising:~~

(i) a pump configured to provide pressurized fluid to the compartment;

(ii) a valve coupled to the inflatable bladder, the valve including a valve body that provides a fluid passage that couples the compartment to the inflatable bladder, and a diaphragm configured both to close the fluid passage under a bias of pressurized fluid in the inflatable bladder to prevent fluid flow through the fluid passage and to at least partially open to allow fluid flow through the fluid passage when the diaphragm is exposed to a pressure of the pressurized fluid from the pump that is greater than a pressure in the inflatable bladder;

(iii) a cover configured to isolate the diaphragm of the valve from the compartment such that, with the cover in a closed position, the diaphragm is not exposed to the pressurized fluid received in the compartment; and

(iv) a mechanical device operable to bias open the cover to expose the diaphragm to the compartment and to allow pressurized fluid to be delivered from the compartment to the inflatable bladder via the fluid passage.

~~a diaphragm adapted to selectively maintain fluid in the bladder, and~~

~~————— (ii) a cover configured to be biased open by a mechanical device, the cover being adapted to prevent the flow of fluid through the valve and into the bladder, when closed.~~

2. (Currently Amended) The inflatable device of claim 1, wherein the ~~further comprising a compartment coupled to the bladder and is~~ configured and arranged to enclose the valve; ~~the compartment being adapted to receive pressurized fluid from a pump.~~

3. (Canceled)

4. (Currently Amended) The inflatable device of claim 1 ~~67~~, wherein the diaphragm is configured and arranged to form a seal in response to fluid pressure within the bladder, the seal being adapted to prevent the flow of fluid out of the bladder, and wherein the diaphragm and the mechanical device are configured so that when the mechanical device is actuated it biases open the cover and the diaphragm.
5. (Currently Amended) The inflatable device of claim 4, ~~wherein the further comprising a compartment is coupled to the bladder and~~ configured and arranged to enclose the valve and the mechanical device, ~~the compartment being adapted to receive pressurized fluid from a pump.~~
6. (Currently Amended) The inflatable device of claim 1 ~~67~~, wherein the mechanical device is coupled to the bladder and supported by the bladder.
7. (Currently Amended) The inflatable device of claim 1 ~~67~~, wherein the mechanical device comprises an electromechanical device.
8. (Previously presented) The inflatable device of claim 68, wherein the mechanical device comprises an electromechanical device adapted to open the valve in coordination with the pump.
9. (Previously presented) The inflatable device of claim 7, wherein the electromechanical device is adapted to open the valve, to deflate the bladder.
10. (Canceled)
11. (Currently Amended) The inflatable device of claim 1 ~~40~~, wherein the pump is housed within an acoustical insulative material.
12. (Currently Amended) The inflatable device of claim 5, wherein the compartment is disposed within a the profile of the inflatable bladder.

13. (Original) The inflatable device of claim 1, wherein the inflatable device is a mattress.
14. (Previously presented) The inflatable device of claim 13, wherein the mattress comprises supplemental material, and a portion of the fluid controller is at least partially supported by the supplemental material.
15. (Currently Amended) The inflatable device of claim 1 ~~40~~, wherein the inflatable device is a mattress, and wherein the mattress comprises supplemental material, and wherein a portion of the pump is at least partially supported by the supplemental material.
16. (Currently Amended) The inflatable device of claim 1 ~~40~~, wherein the pump is supported by the inflatable bladder.
17. – 65. (Canceled)
66. (Previously presented) The inflatable device of claim 1, wherein the cover is hingedly coupled to the valve.
67. (Canceled)
68. (Canceled)
69. (Previously presented) The inflatable device of claim 1, wherein the cover comprises a self-closing cover.
70. (New) The inflatable device of claim 1, wherein the cover is configured to open into the compartment.

71. (New) The inflatable bladder of claim 70, wherein the mechanical device is configured to open the cover against a bias provided by the pressurized fluid from the pump.

72. (New) The inflatable device of claim 1, wherein the mechanical device is configured to contact the cover to open the cover.

73. (New) The inflatable device of claim 1, wherein the inflatable bladder includes a first chamber and a second chamber that are each fluidly coupled to the compartment, wherein the valve is a first valve which is coupled to the first chamber, and wherein the fluid controller includes a second valve coupled to the second chamber, the second valve including a valve body that provides a fluid passage that couples the compartment to the second chamber, and a diaphragm configured both to close the fluid passage of the second valve under a bias of pressurized fluid in the second chamber to prevent fluid flow through the fluid passage of the second valve and to at least partially open to allow fluid flow through the fluid passage of the second valve when the diaphragm of the second valve is exposed to the pressure of the pressurized fluid from the pump that is greater than a pressure in the second chamber.

74. (New) The inflatable device of claim 73, wherein the cover is a first cover, wherein the fluid controller includes a second cover configured to isolate the diaphragm of the second valve from the compartment such that, with the cover in a closed position, the diaphragm of the second valve is not exposed to the pressurized fluid received in the compartment.

75. (New) The inflatable device of claim 73, wherein the mechanical device is operable to bias open the second cover to expose the diaphragm of the second valve to the compartment and to allow pressurized fluid to be delivered from the compartment to the second chamber via the fluid passage of the second valve.

76. (New) The inflatable device of claim 75, wherein the compartment is coupled to each of the first bladder and the second bladder and is configured to enclose the first valve, the second valve and the mechanical device.

77. (New) The inflatable bladder of claim 76, wherein the compartment is disposed within the profile of the inflatable bladder.

78. (New) The inflatable device of claim 77, wherein the inflatable device is a mattress.